

SUBSTITUTE SPECIFICATION

ABSTRACT OF THE DISCLOSURE

There is disclosed a solid image pickup apparatus comprising a pixel string 1b, a shift electrode 2b and a CCD register 3b which are arranged in parallel. The CCD register 3b comprises a plurality of transfer electrodes 31, 32, 33, 34 arranged in one string. A groove-shaped contact hole 9a extended along the electric charge transfer direction is formed in the top surface of the transfer electrode 31. The transfer electrode 31 is connected to an upper wiring layer 8 via a conductive material in the contact hole 9a. A groove-shaped contact hole 7a extended in the longitudinal direction of the shift electrode 2b is formed in the top surface of the shift electrode 2b. The shift electrode 2b is connected to a wiring layer 6 via the contact hole 7a. An external light can be cut off by the contact holes 7a, 9a, and no external light enters the electric charge transfer area of the CCD register 3b, and the like.